

Please replace Claim 16 with the following amended claim:

- 1     16.     (Once amended) A system as recited in claim 14 wherein said switch is programmable to  
2     automatically forward all packets not originating from a LAN segment containing the network  
3     adapter and destined to an access point segment, to the LAN segment containing said network  
4     adapter.

Please replace Claim 17 with the following amended claim:

- 1     17.     (Once amended) A system as recited in claim 14 wherein the access points or wireless  
2     clients are programmed to forward all packets to said network adapter.

Please replace Claim 18 with the following amended claim:

- 1     18.     (Once amended) A system as recited in claim 1 wherein said network control server is co-  
2     located with said network adapter.

Please replace Claim 19 with the following amended claim:

- 1     19.     (Once amended) A system as recited in claim 1 wherein said network control server is co-  
2     located with a Core Server.

Please replace Claim 20 with the following amended claim:

- 1     20.     (Once amended) A system as recited in claim 1 wherein said network control server is co-  
2     located with a Routing Coordinator.

Please replace Claim 23 with the following amended claim:

- 1      23.      (Once amended) A system as recited in claim 1 wherein said network control server is  
distributed over said wired network.

Please replace Claim 33 with the following amended claim:

- 1      33.      (Once amended) A method as recited in claim 27, further comprising the step of  
2      determining an access point currently associated with a mobile client by inspecting a media access  
3      control (MAC) address associated with packets transmitted by the mobile client.